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Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary The MAILING DATE of this communication appears on the cover sheet with the correspondence address		Application No.	Applicant(s)					
Reaean Corden 3711 - The MAILING DATE of this communication appears on the cover sheet with the correspondence address - Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. THE MAILING DATE OF THIS COMMUNICATION. If the period for reply specified above is bas then thirty (30) days, a reply within the statedory minimum of thirty (30) days will be considered friendly. If the period for reply specified above is bas then thirty (30) days, a reply within the statedory minimum of thirty (30) days will be considered friendly. If the period for reply specified above is bas then thirty (30) days, a reply within the statedory minimum of thirty (30) days will be considered friendly. If the period for reply specified above is bas then then the period of the communication. The state of this communication is the condition of the state of the communication. If the period for reply specified above is bas then then then the period and the replace of the communication. A promotive to communication (s) filled on 8-14-03. A promotive to communication (s) filled on 8-14-03. 2a)		10/051,085	ENDOU, SEIICHIROU					
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Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time rays be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed Extensions of time rays be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed Extensions of the reply seed and avoid lies than her provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed Extensions of the reply is available under the provision of 37 CFR 1.136(a). It is to period for reply is apposited above, be maintained under the statutory minimum of thinly (30) days will be considered timely. If NO period for reply is apposited above, be maintained with apply and well expire SX (3) MONTHS from the mailing date of this communication. Available of the communication of the provision of the provis								
THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be windled under the provision of 3 CFR 1.13(6). In no event, however, may a raply be timely filed after 53X (8) MCNTISF from the mailing date of this communication. It is provided to the provision of the provision of 1 CFR 1.13(6). In no event, however, may a raply be timely filed after 53X (8) MCNTISF from the mailing date of this communication. It is provided or raply is specified above. The miscanne studency prior dat substancy prior data substancy prior data substancy and we decide \$X\$ (8) MCNTISF from the mailing date of this communication. Fallure to reply within the set or extended period for reply will, by stable, cause the application to become ASANDONED (58 U.S. C.§ 1133). Any ways received by the diffice there have been expensed and the mailing date of this communication. even if timely filed, may reduce any states are provided them substanced by the communication of the communication. Even if timely filed, may reduce any states are provided to the communication. Even if timely filed, may reduce any states are provided to become ASANDONED (58 U.S. C.§ 113). Any ways received by the diffice data states are provided to become ASANDONED (58 U.S. C.§ 113). Any ways received by the diffice of this communication. Status 1) Responsive to communication (5) filed on 8-14-03. 2a) This action is FINAL. 2b) This action is FINAL. 2b) This action is FINAL. 2b) This action is representation and the mainly date of the communication. Even if timely filed, may reduce any states are closed and accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-12 is/are pending in the application. 4) Claim(s) 1-12 is/are pending in the application. 4) Claim(s) 1-12 is/are pending in the application. 4) Claim(s) 1-12 is/are allowed. 6) Claim(s) 1-12 is/are allo								
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DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Satoshi et al (JP 10-248958) in view of Yamagishi et al (5,601,503). Regarding claims 1 and 8, Satoshi discloses a golf ball comprising a core and a cover. The hardness of the cover layer between 58 and 72 is an obvious feature since Satoshi discloses identical ionomers for the cover materials, Himilan 1557, 1605, 1652, 1705, 1706, 1707, 18855, 1856 and lotek 7010, 8000. The golf ball has a diameter of 42.7 mm (para 28). Regarding claim 2, the core has a deformation from 2.5 to 4.5 mm with an initial load of 10 kgf and a final load of 130 kgf. Regarding claims 3 and 4, the core layer comprises a 100 parts of a polybutadiene rubber, 15-45 parts by weight of zinc acrylate, 0.2 to 5 parts by weight of an organic peroxide, and 0.05 to 3 parts by weight of an organic disulfide compound. Satoshi discloses dimples on the golf ball but does not disclose at least 50% of the dimple having a contour length greater than 11.6. Applicant defines the contour length (x) as the diameter of the dimple (D) multiplied by π . Solving for D gives a diameter of at least 3.5 mm to provide a contour length of at least 11.6 mm. Yamagishi discloses a golf ball with all dimple diameters from 2.5 to 4.4 mm. Regarding Application/Control Number: 10/051,085

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claims 9 and 10, Yamagishi teaches from 300 to 550 dimples (col 3, lines 65-67).

Regarding claims 11 and 12, Yamagishi teaches at least 86% of the dimples with a diameter larger than 3.5 mm or contour of at least 11.6 mm (table 2). Regarding claims 1, 5, 6 and 7, the golf ball compressive deformation, initial velocity, and total distance of the golf all are obvious features of Satoshi in view Yamagishi since the material make up is the same for each layer as shown by Satoshi and the dimple dimensions are shown by Yamagishi. One skilled in the art would have modified Satoshi in view of Yamagishi to achieve the desired flight characteristics.

Response to Arguments

Applicant's arguments filed 8-14-03 have been fully considered but they are not persuasive. In response to applicant's arguments against the references individually, one cannot show nonobviousness by attacking references individually where the rejections are based on combinations of references. See *In re Keller*, 642 F.2d 413, 208 USPQ 871 (CCPA 1981); *In re Merck & Co.*, 800 F.2d 1091, 231 USPQ 375 (Fed. Cir. 1986). The rejection is based on the primary reference, Satoshi. As shown above, Satoshi discloses the limitations of the interior of applicant's golf ball as shown above but fails to disclose applicant's dimple pattern. Satoshi clearly discloses the golf ball includes dimples and Yamagishi teaches the dimple pattern for increased flight performance.

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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Raeann Gorden whose telephone number is 703-308-

8354. The examiner can normally be reached on M-F 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paul Sewell can be reached on 703-308-2126. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9302 for regular communications and 703-872-9303 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1148.

Raeann Gorden

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rg September 8, 2003